

Examples for Delimitation of LLC PDU in EGPRS RLC data block  
(Down-link)

First 2 RLC blocks of a TBF

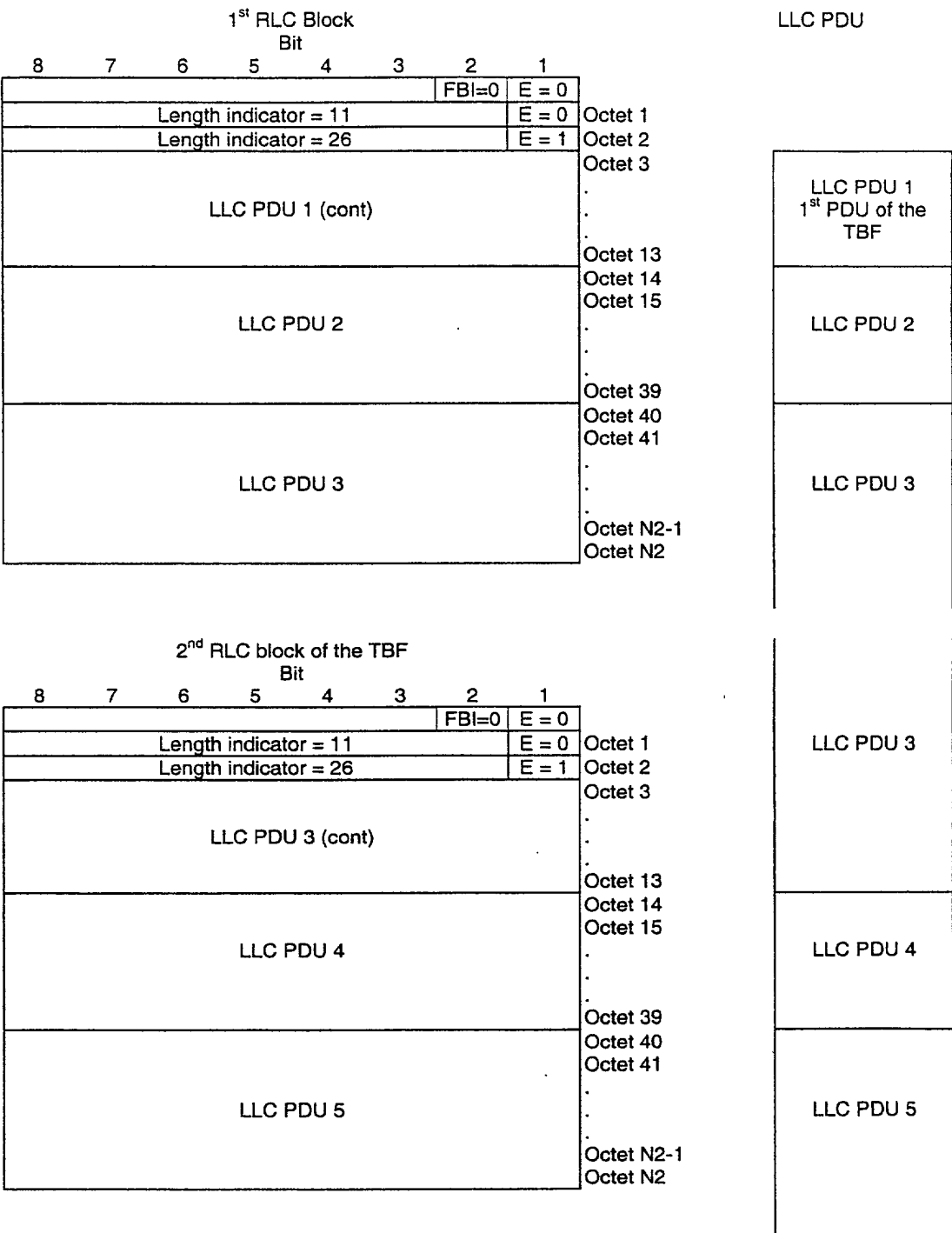
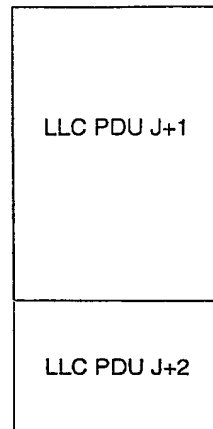
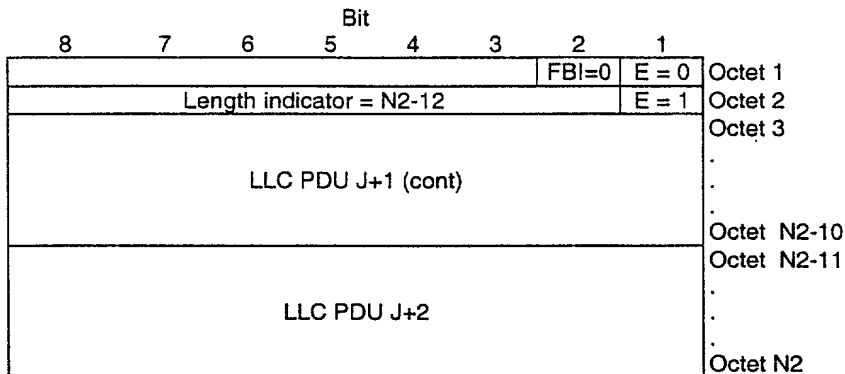


FIG 2A

FIG. 2B

# Last 3 RLC Blocks of a TBF that has N Blocks

RLC Block with BSN=N-2



RLC Block with BSN=N-1

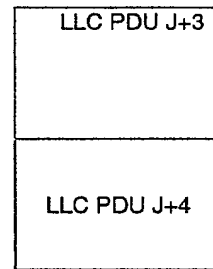
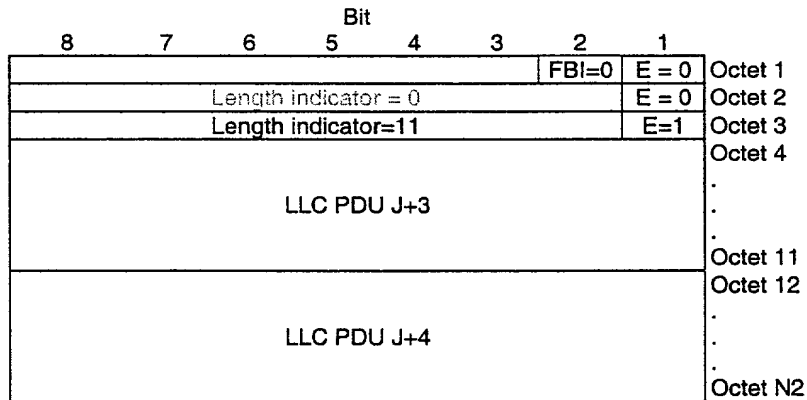
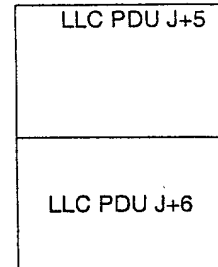


FIG 2C

FIG 3A

8	7	6	5	4	3	2	1	
						FBI=1	E=0	Octet 1
Length indicator=0						E=0		Octet 2
Length indicator=8						E=0		Octet 3
Length indicator=11						E=0		Octet 4
Length indicator=127						E=1		Octet 5
LLC PDU J+5								Octet 6
								.
								.
LLC PDU J+6								Octet 11
								Octet 12
								.
Filling Octets								Octet 22
								Octet N2



F16.3D

8	7	6	5	4	3	2	1	
						FBI=1	E = 0	Octet 1
LLC PDU 1								Octet 2
								.
								.
								.
								Octet N2

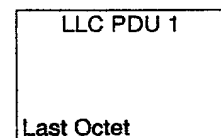


Fig. 4

# Examples for Delimitation of LLC PDU in EGPRS RLC data block (Down-link)

First 2 RLC blocks of a TBF

1 <sup>st</sup> RLC Block								LLC PDU	
Bit									
8	7	6	5	4	3	2	1		
						FBI=0	E = 0		
Length indicator = 11								E = 0	Octet 1
Length indicator = 26								E = 1	Octet 2
									Octet 3
LLC PDU 1 (cont)									...
PDU of the TBF									LLC PDU 1 1 <sup>st</sup>
									Octet 13
									Octet 14
									Octet 15
LLC PDU 2									...
									LLC PDU 2
									Octet 39
									Octet 40
									Octet 41
LLC PDU 3									...
									LLC PDU 3
									Octet N2-1
									Octet N2

2 <sup>nd</sup> RLC block of the TBF									
Bit									
8	7	6	5	4	3	2	1		
						FBI=0	E = 0		
Length indicator = 11								E = 0	Octet 1
PDU 3									LLC
Length indicator = 26								E = 1	Octet 2
									Octet 3
LLC PDU 3 (cont)									...
									Octet 13
									Octet 14
									Octet 15
LLC PDU 4									...
									LLC PDU 4
									Octet 39
									Octet 40
									Octet 41
LLC PDU 5									...
									LLC PDU 5
									Octet N2-1
									Octet N2

Last 3 RLC Blocks of a TBF that has N Blocks

RLC Block with BSN=N-2									
Bit									
8	7	6	5	4	3	2	1		
						FBI=0	E = 0	Octet 1	LLC PDU J+
Length indicator = N2-13								E = 1	Octet 2
									Octet 3
LLC PDU J+1 (cont)									...
									Octet N2-11
									Octet N2-10
LLC PDU J+2									...
									LLC PDU J+
									Octet N2

FIG. 6A

FIG. 6B

RLC Block with BSN=N-1									
Bit									
8	7	6	5	4	3	2	1		
						FBI=0	E = 0	Octet 1	
Length indicator = 0							E = 0	Octet 2	
Length indicator = 8							E = 1	Octet 3	
								Octet 4	LLC
PDU J+3									
LLC PDU J+3								...	
								Octet 11	
								Octet 12	
LLC PDU J+4								...	LLC PDU J+
4								Octet N2	

RLC Block with BSN=N									
Bit									
8	7	6	5	4	3	2	1		
						FBI=1	E=0	Octet 1	
Length indicator = 0							E=0	Octet 2	
Length indicator=6							E=0	Octet 3	
Length indicator=11							E=0	Octet 4	
Length indicator=127							E=1	Octet 5	
								Octet 6	LLC
PDU J+5									
LLC PDU J+5								...	
								Octet 11	
								Octet 12	
LLC PDU J+6								...	LLC PDU J+
6								Octet 22	
								Octet N2	

Example 3: A TBF consists of one LLC PDU

Bit									
8	7	6	5	4	3	2	1		
						FBI=1	E = 0	Octet 1	
								Octet 2	LLC PDU
1									
LLC PDU 1								...	
								Octet N2	Last Octet

FIG. 7